

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Commissioner:

Filed: 9/11/03

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §1.98, Applicants hereby notify the U.S. Patent and Trademark Office of the documents listed below and identified on the attached form PTO 1449 for review by the Examiner during the examination of the above referenced application. Copies of the documents are provided for the Examiner's use. Translations of the foreign documents are not available to the applicant and the translated abstract is provided for the Examiner's use.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addresses to Assistant Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313 on (Date of Deposit)

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CERTIFICATION UNDER 37 C.F.R. § 1.97(e)

The undersigned hereby certifies:

That each item of information contained in the Information Disclosure

Statement filed concurrently herewith was cited in a communication from a foreign
patent office in a counterpart foreign application not more than three months prior to
the filing of said Information Disclosure Statement.

In compliance with the concise explanation requirements under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of the corresponding foreign Search Report citing such documents, together with an English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of the Form PTO-1449 be returned in accordance with MPEP §609.

Date: 4/15/05

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Respectfully submitted,

John Christopher James

Reg. No. 40,660

Attorney for Applicants

PTO/SB/08A (08-03)

Complete if Known

10/661174

9/11/03

Approved for use through 07/31/2006. OMB 0651-0031
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Sheet 1

INFORMATION DISCLOSURE STAT

of 13-

	First Named Inventor	Dilley
EMENT BY APPLICANT	Art Unit	3753
(Use as many sheets as necessary)	Examiner Name	tbd

Filing Date

Application Number -

Attorney Docket Number 98000003

U. S. PATENT DOCUMENTS Examiner Cite No.1 Document Number **Publication Date** Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Initials* Relevant Passages or Relevant Figures Appear Number-Kind Code^{2 (# known)} US- 2003/0098146 5/29/03 Angerman et al ^{US-} 6318456 11/20/01 Brenner et al US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

		FORE	IGN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
	ļ	Country Code ³ Number ⁴ Kind Code ⁵ (if known)				<u> </u>
		PCT ISR/WO	1/20/05	Honeywell		
		DE10061949 Abstract	6/21/01	Denso		
		DE19902504 Abstract	8/10/00	Behr		
		DE29616354	2/20/97	Modine		
		JP10123859 Abstract	2/11/99	Tokyo Radiator		
		JP20011291525 Abstra	9/25/01	Denso		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (08-03)

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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Attorney Docket No

Complete if Known			
Application Number	10/661174		
Filing Date	9/11/03		
First Named Inventor	Dilley		
Art Unit	3753		
Examiner Name	tbd		
Attorney Docket Number	98000003		

			U. S. PATENT I		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	IGN PATENT DOC	JMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		WO2004036134	5/29/04	Behr		
		WO0198723AI	12/27/01	Serck		
		WO2004017006	2/26/04	Valeo Thermal		
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Examiner	Date	1
Signature	Considered	

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